

Title (en)

POLYVINYL CHLORIDE - ETHYLENE OXIDE POLYMER BLENDS AND METHODS OF MODIFYING THE IMPACT AND MELT FLOW PROPERTIES OF POLYVINYL CHLORIDE

Publication

**EP 0012559 B1 19830622 (EN)**

Application

**EP 79302790 A 19791205**

Priority

US 96693578 A 19781206

Abstract (en)

[origin: EP0012559A1] In the modification of the properties of polyvinyl chloride (PVC), such as impact resistance and melt flow, polymers derived from monomer systems comprising at least 80% by weight ethylene oxide and free of pendant epoxy groups along the polymer chain are blended with PVC. The modifying ethylene oxide polymer may be crosslinked with a symmetrical diepoxide.

IPC 1-7

**C08L 27/06**; **C08L 71/02**

IPC 8 full level

**C08L 27/00** (2006.01); **C08L 1/00** (2006.01); **C08L 27/06** (2006.01); **C08L 63/00** (2006.01); **C08L 71/02** (2006.01)

CPC (source: EP US)

**C08L 27/06** (2013.01 - EP US); **C08L 71/02** (2013.01 - EP US)

Cited by

US5574104A; US5290847A; US4629765A; EP0264072A3; CN109517290A; EP0723859A3; US5674578A; WO9109906A1

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

**EP 0012559 A1 19800625**; **EP 0012559 B1 19830622**; AU 532268 B2 19830922; AU 5343779 A 19800612; CA 1136323 A 19821123; DE 2965773 D1 19830728; JP S5586834 A 19800701; US 4230827 A 19801028

DOCDB simple family (application)

**EP 79302790 A 19791205**; AU 5343779 A 19791204; CA 341077 A 19791203; DE 2965773 T 19791205; JP 15749179 A 19791206; US 96693578 A 19781206